

## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## LISTING OF CLAIMS:

1. (Cancelled).

2. (Cancelled).

3. (Cancelled).

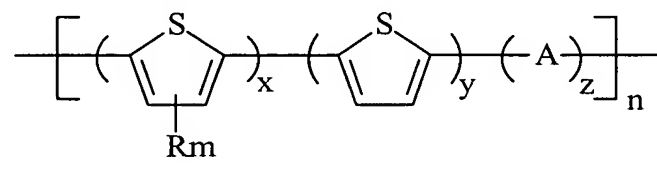
4. (Cancelled).

5. (Cancelled).

6. (Cancelled).

7. (Cancelled).

8. (Currently Amended) ~~A device in accordance with claim 1~~ An electronic device containing a regioregular polythiophene



(I)

wherein R represents a side chain, m represents the number of R substituents; A is a divalent linkage; x, y and z represent, respectively, the number of  $R_m$  substituted thienylenes, unsubstituted thienylenes, and divalent linkages A in the monomer segment subject to z being 0 or 1, and n represents the number of repeating monomer segments in the polymer or the degree of polymerization; and wherein the side chain R is a siloxyalkyl of trimethylsiloxyalkyl, or triethylsiloxyalkyl, and wherein the alkyl portion

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E1

optionally contains from about 4 to about 10 carbon atoms, and which alkyl is butyl, pentyl, hexyl, heptyl, or octyl.

9. (Cancelled).

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).

13. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Cancelled).

17. (Cancelled).

18. (Cancelled).

19. (Cancelled).

20. (Cancelled).

21. (Cancelled).

22. (Cancelled).

23. (Cancelled).

E1  
Cont.

24. (Cancelled).

25. (Cancelled).

26. (Cancelled).

27. (Cancelled).

28. (Cancelled).

29. (Cancelled).

30. (Cancelled).

31. (Cancelled).

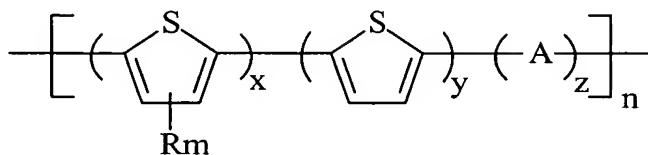
32. (Cancelled).

33. (Cancelled).

34. (Cancelled).

35. (Cancelled).

36. (Original) An electronic device containing a regioregular polythiophene



(I)

wherein R is, a siloxyalkyl or trimethylsiloxyalkyl or triethylsiloxyalkyl, m represents the number of R substituents; A is a divalent linkage; x, y and z represent, respectively, the

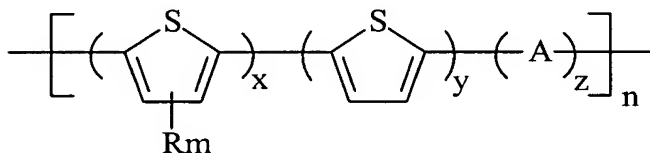
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cont.

number of  $R_m$  substituted thienylenes, unsubstituted thienylenes, and divalent linkages A in the monomer segment subject to z being 0 or 1, and n represents the number of repeating monomer segments in the polymer or the degree of polymerization.

37. (Previously Presented) A device in accordance with **claim 36** wherein said alkyl contains from about 4 to about 10 carbon atoms.

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cont.  
38. (Previously Presented) A device in accordance with **claim 37** wherein alkyl is butyl, pentyl, hexyl, heptyl or octyl.

39. (New) An electronic device containing a regioregular polythiophene



(I)

wherein R is alkyl, a siloxyalkyl or trimethylsiloxyalkyl or triethylsiloxyalkyl, m represents the number of R substituents; A is a divalent linkage; x, y and z represent, respectively, the number of  $R_m$  substituted thienylenes, unsubstituted thienylenes, and divalent linkages A in the monomer segment subject to z being 0 or 1, and n represents the number of repeating monomer segments in the polymer or the degree of polymerization.

40. (New) A device in accordance with **claim 39** wherein said alkyl contains from about 4 to about 10 carbon atoms.

41. (New) A device in accordance with **claim 40** wherein alkyl is butyl, pentyl, hexyl, heptyl or octyl.